Foreign collaboration with Italian firms

*18. SHRI KAILASH PATI MISHRA:

SHRI ATAL BIHARI VAJPAYEE

Will the Minister of INDUSTRY be pleased to state:

(a) the number of foreign collaborations with Italian firms indicating their value, approved during the period 1980-82, 1982-84; and 1984-86; and

(b) the number and value of similar foreign collaborations during the same period with USA, USSR and UK?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) and (b) Statement showing Country-wise and Investment wise Break-up of foreign collaboration proposals approved in favour of Italy, USA, USSR and UK for the period 1980 to 1986 is laid on the Table of the House. [*See* Appendix CXLIII, Annexure No. 14].

Study on Solar Energy

*19. SHRI SOHAN LAL DHUSIYA:
SHRI RAM CHANDRA VIKAL:

Will the Minister of ENERGY be pleased to state:

(a) whether Government have conducted any further study for the conversion of sunlight into electricity; and

(b) if so, what are the details thereof and by when the results are likely to be achieved?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) and (b) Yes, Sir. Studies to convert solar energy into electrical energy have been done and various technology options have been implemented. In the solar thermal area one solar power plant of 22 KW electric capacity using points focussing collectors and steam engine has recently been installed at village Sallojipally in Andhra Pradesh. The performance of the plant is now being studied. Another power plant of capacity 50 KW using line focussing collectors and steam turbine has been designed and is being installed in Solar Energy Centre of Department of Non-Conventional Energy Sources, at Gwal Pahari, Distt. Gurgaon, Haryana. The third power plant of capacity 50KW using point focussing collector and stirling engine is proposed to be installed also in the Solar Energy Centre of Department of Non-Conventional Energy Sources. A feasibility study for setting up 30MW solar power plant has been prepared and sites are being explored for setting up such power plants in the country. In the solar photovoltaic area a number of small power units have been installed for meeting drinking water requirements, lighting and community T.V. Sets, in several parts of the country. More than 700 villages are already getting lighting from solar powered electricity. The Deptt. has also approved establishment of photovoltaic power plants in Orissa, Haryana and in Gujarat in KW range. Several other small solar photovoltaic power plants are also being set up in Jammu and Kashmir, Lakshadweep, Mizoram, Nagaland etc.

उद्योगों को सप्लाई किए गए कोयले में पत्थरों की मात्रा

*20. श्री मीर्जा इर्शादबेग : क्या ऊर्जा मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि खानों से औद्योगिक एककों को सप्लाई किए जाने वाले कोयले में पत्थरों की बहुत अधिक मात्रा पाई गई है ;

(ख) क्या इस संबंध में कोई अभ्यावेदन प्राप्त हुए हैं ; यदि हां, तो उनका ब्यौरा क्या है ; और

(ग) इस संबंध में क्या कम उठाए गए हैं तथा उठाए जाने की संभतवना है ?

ऊर्जा मंत्री (श्री वसंत साठे) : (क) और (ख) उपभोक्ताओं को सप्लाई किए गए कोयले में पत्थर होने की कुछ शिकायतें रही हैं।

(ग) कुछ कोयला सीमों में कंकड़-पत्थर आदि कोयले में ही रहते हैं। लदान-स्थलों पर छनाई और फालतू सामग्री निकालने का काम किया जाता है। फिर भी, कोयले के साथ मिलती-जुलती शक्ल होने के कारण, कुछ फालतू सामग्री का शामिल होना पूरी तरह नहीं रोका जा सकता। इस संबंध में प्रत्येके कोयला कंपनी में 'किस्म नियंत्रण संगठन" स्थापित किए गए हैं और इनके जरिए सख्त निगरानी की जा रही है। जो उपभोक्ता प्रेषित माल का पूर्व-निरीक्षण करना चाहें, उन्हें यह सुविधा दी जाती है। प्रत्येक शिकायत की जांच की जाती है और सुधार की कार्रवाई की जाती है।

Exploration of Gas by O.N.G.C. in Tripura

1. SHRI NARAYAN KAR: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) in how many pockets in Tripura ONGC are drilling for exploration of natural gas and whether the available gas is quite sufficient for the establishment of fertilezer industry and for generating power;

(b) how do Government propose to utilise the gas in Tripura; and

(c) whether Government are aware of the fact that the natural gas is being squeezed out by a neighbouring country and if so, what steps Government have taken to protect the country's natural resurces?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) and (b) ONGC have drilled four structures in Tripura. all of which have been found to be gas bearing. Gas is already being supplied for power generation and availability of 1 MMCMD of gas has been idnicated for a gas based fertilizer plant.

(c) No, Sir.

Delay in Commissioning of Salal Hydro-Electric Project

2. SHRI DINKARRAO GOVINDRAO PATIL: Will the Minister of ENERGY be pleased to refer to the answer to Unstarred Question 1436 given in the Rajya Sabha on the 9th March, 1987 and state:

(a) whether the commissioning of Salal Hydro-Electric Project has been delayed; and

(b) if so, what are the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) Yes, Sir.

(b) Commissioning of the Salal Hydro-electric Projects has been further delayed due to unexpected geological conditions in the underground structure of the Tailrace Tunnel. Work on all other structures has been completed.

Removal of Chief Executive of Oil India

3. SHRI DINKARRAO GOVINDRAO PATIL: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that officials of Oil India working in Assam have been subjected to a lot of hostility, including the demand for removal of the Chief Executive of Oil India, by Assamese who demand the appointment of only Assamese in Oil India; and

(b) if so, what steps Government are taking to check such activities?